

BLEYDELIS, Ya.Ya.
AUTHOR: BLEJDELIS, J.A.JA., BORKIJ, G.B. PA - 2782
TITLE: Radiological Structure Determination of Bivalent Transdiammin-
dirodanida Platiniuns. (Rentgenostrukturne issledowanije trans-
diammindirodanida dwuchvalentnoj platini, Russian)
PERIODICAL: Latvijas PSR Zinatnu Akad. Vestis, 1957, Vol 1, Nr 3 (116)
pp 133-146 (U.S.S.R.)
Received: 3 / 1957 Reviewed: 7 / 1957

ABSTRACT: Conclusions:
1. The atomic structure of the crystalline trans-[Pt(NH₃)₂ SCN]₂ was determined.
2. The structure of the trans-[Pt(NH₃)₂ (SCN)₂] is molecular.
3. The structure was proved radiologically.
4. The optical- and chemically crystalline constant was found.
5. The SCN groups are linear and were computed with the atomic platinum by weak atomic sulphur.
6. The distances Pt - S = 2.27 kX and Pt - NH₃ = 2.12 kX were determined.
The distance Pt - S is equal for both isomeres within the limits of errors.

Card 1/2

Radiological Structure Determination of Bivalent Transdiammin-dirodanida Platinums. PA - 2782

The distance Pt - NH₃ is higher in the trans-isomere than in the zis-isomere.

The distances within the SCH groups were determined.

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress

Card 2/2

BLEYDELIS, YA. YA.

AUTHOR: Bleydelis, Ya. Ya.

TITLE: The crystal structure of cis- $[\text{Pt}(\text{NH}_3)_2(\text{SCN})_2]$.
(Kristallicheskaya struktura tsis- $[\text{Pt}(\text{NH}_3)_2(\text{SCN})_2]$).

PERIODICAL: "Krisztallografiya" (Crystallography), 1957, Vol. 2,
No. 2, pp. 278-280 (U.S.S.R.)

ABSTRACT: Crystals of cis- $[\text{Pt}(\text{NH}_3)_2(\text{SCN})_2]$, recrystallised from an ethyl alcohol/acetone mixture (1/3), were orthorhombic with unit cell dimensions $a = 13.74$, $b = 8.06$ and $c = 13.71$ KX (± 0.05 KX). Refractive indices for white light were $n_\gamma = 1.828$, $n_\beta = 1.780$ and $n_\alpha = 1.730$. $d_{\text{obs.}} = 3.05$, $Z = 8$ and $d_{\text{calc.}} = 3.02$. The space group was uniquely determined from the extinctions to be Pbcn. There was strong halving along b . Pt and S positions were found from Patterson projections. Fourier projections gave the atomic co-ordinates (x, y, z) as: Pt, (0.250, 0.116, 0.084); S_I, (0.398, 0.167, 0.157); S_{II}, (0.331, -0.012, -0.044); NH_{3I}, (0.126, 0.050, 0.021); NH_{3II}, (0.169, 0.208, 0.196); C_I, (0.383, 0.285, 0.242); N_I, (0.373, 0.400, 0.302); C_{II}, (0.405, 0.114, -0.083);

Card 1/2

The crystal structure of cis- $[\text{Pt}(\text{NH}_3)_2(\text{SCN})_2]$. 70-2-12/24
 N_{II} , (0.461, 0.224, -0.125). The reliability coefficients
were $R_{xz} = 0.20$, $R_{yz} = 0.26$. Probable errors in Pt position,
.02; S position .05; NH_3 position, .15 and C and N positions,
0.20 KX. The bond distances for the 4-co-ordinated Pt atom
are $\text{Pt-S}_{\text{I}} = 2.29$, $\text{Pt-S}_{\text{II}} = 2.31$, $\text{Pt-NH}_{3\text{I}} = 2.0$ and $\text{Pt-NH}_{3\text{II}} =$
2.0 KX.

Acknowledgments to Prof. G.B. Bokiy and Cand. M.A. Poray-
Card 2/2 Koshits. There 1 figure, 1 table and 1 Slavic reference.

ASSOCIATION: Inst. Chem. Latvian Ac.Sc. (Institut Khimi AN
Latviyskoy SSR)

SUBMITTED: January 11, 1957.

AVAILABLE: Library of Congress

Ble~~y~~delis, Ya.Ya.

AUTHOR: Ble~~y~~delis, Ya.Ya. and Bokiy, G.B. 70-2-13/24

TITLE: The crystal structure of the trans-diamine thiocyanate of bivalent platinum (Kristallicheskaya struktura trans-diammindirodanida dvukhvalentnoy platiny)

PERIODICAL: "Kristallografiya" (Crystallography), 1957, Vol.2, No.2, pp. 281-283 (U.S.S.R.)

ABSTRACT: Crystals of trans- $\left[\text{Pt}(\text{NH}_3)_2(\text{SCN})_2\right]$, recrystallised from acetone, were monoclinic with refractive indices for white light, $n_y = 1.990$, $n_\beta = 1.737$, $n_a = 1.625$. The unit cell dimensions were $a = 7.31$, $b = 8.27$, $c = 13.27 \text{ KX}$ (all $\pm 0.05 \text{ KX}$) and $\beta = 90^\circ$ approx. The space group was uniquely given by the extinctions as $P2_1/n$. $d_{\text{obs.}} = 2.90$, $Z = 4$ and $d_{\text{calc.}} = 2.88$. $h0l$ (103 independent reflections) and $0kl$ (76 independent reflections) Patterson and Fourier projections were made giving the atomic co-ordinates (x , y , z) as:

Card 1/2 Pt, (-0.073, 0.184, 0.217); S_I, (-0.206, 0.030, 0.128); S_{II}, (0.193, 0.333, 0.309); NH_{3I}, (-0.130, 0.135, 0.360); NH_{3II}, (0.131, 0.230, 0.081); C_I, (-0.354, 0.154, 0.104);

70-2-13/24
The crystal structure of the trans-diammine thiocyanate of bivalent platinum. (Cont.)

N_I , (-0.475, 0.256, 0.083); C_{II} , (0.344, 0.215, 0.354); N_{II} , (0.467, 0.115, 0.392). The reliability coefficients were $R_{xz} = 0.21$, $R_{yz} = 0.30$. Distances from the Pt atom were, S_I , 2.26; S_{II} , 2.27; NH_{3I} , 2.13 and NH_{3II} , 2.10 Å.

Acknowledgments to M.A. Poray-Koshits.

Card 2/2 There are 1 figure, 1 table and 1 Slavic reference.

ASSOCIATION: Institute of Chemistry, Latvian Ac.Sc. (Institut Khimi AN Latviyskoy SSR)

SUBMITTED: January 18, 1957.

AVAILABLE: Library of Congress

BLEYDELIS, Ya. Ya., Cand of Chem Sci -- (diss) "Crystallochemical investigation of diaminodithiocyanogendides by double-valent platinum." Riga, 1957, 9 pp. (Institute of General and Inorganic Chemistry im N. S. Kurnakov), 125 copies (KL, 35-57, 106)

BLEYDELIS, Ya-Ya.

AUTHOR: None Given 30-58-4-31/44

TITLE: Dissertations (Dissertatsii).
Branch of Chemical Sciences (Otdeleniye khimicheskikh
nauk).
July-December 1957 (Iyul'-Dekabr' 1957)

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, Nr 4,
pp. 116-117 (USSR)

ABSTRACT: At the Institute for Compounds of High Molecular Weight.
(Institut vysokomolekulyarnykh soyedineniy) the following
dissertation for the degree of a Candidate of Technical
Sciences was defended:
N. F. Usmanova - Investigations in the Field of the
Synthesis and of the Polymerization of α - and β -Vinyl-
naphthalene. (Issledovaniya v oblasti sinteza i poli-
merizatsii α - i β -vinilnaftalina).
2) At the Institute for General and Inorganic Chemistry
imeni N. S. Kurnakov (Institut obshchey i neorganicheskoy
khimii imeni N. S. Kurnakova), the following dissertations
were defended:

Card 1/5

Dissertations. Branch of Chemical Sciences,
July-December 1957

30-58-4-31/44

a) for the degree of a Candidate of Chemical Sciences:
V. T. Aleksanyan - Absorption Spectrum of Some Compounds
of Quadrivalent Uranium at Low Temperature. (spektry
pogloshcheniya nekotorykh soyedineniy chetyrekhvalentnogo
urana pri nizkoy temperaturye).

Ya. Ya. Bleydelis - Crystallochemical Investigation of the
Diaminodithioegnate of Bivalent Platinum. (Kristallokhimiya
cheskoye issledovaniye diamindirodanidov dvukhvalentnoy
platiny).

T. A. Dobrynina - Physico-Chemical Investigation of the
Triple System LiOH-H₂O₂-H₂O and Synthesis of Peroxidic
Lithium Compounds. (Fiziko-khimicheskoye issledovaniye
troynoy sistemy LiOH-H₂O₂-H₂O i sintez perekisnykh
soyedineniy litiya).

A. K. Il'yasova - Investigation of the Effect of Pyridine
on Isomeric Ammonia-Bromine Compounds and on Nitroboromine
Compounds of Quadrivalent Platinum. (Izuchenie deystviya
piridina na izomernyye ammiachnyye bromo- i nitrobromosoye-
dineniya chetyrekhvalentnoy platiny).

Card 2/5

Dissertations. Branch of Chemical Sciences.
July-December 1957

30-58-4-31/44

D. L. Motov - Investigation of the $TiO_2-H_2SO_4-(NH_4)_2SO_4-H_2O$ System in Connection With the Working Up of Titanium Niobates of the Kola Peninsula (Izuchenije sistemy $TiO_2-H_2SO_4-(NH_4)_2SO_4-H_2O$ v svyazi s problemoy pererabotki titano-niobatov Kol'skogo poluostrova).

3) At the Institute for Organic Chemistry imeni N. D. Zelinskiy (Institut organicheskoy chimii imeni N. D. Zelinskogo) the following dissertations for the degree of a Candidate of Chemical Sciences were defended:
I. F. Bel'skiy - Catalytic Hydrogenolysis of Furane Homologa (Kataliticheskiy hidrogenoliz gomologov furana).
K. N. Kurdyumova - Structure and Chemical Transformations of Organo-Alkaline Anyl Compounds. (Stroyeniye i khimicheskiye prevrashcheniya shchelochnoorganicheskikh soedineniy anilov).

N. V. Nikiforova - Investigations of the Kinetics and of the Sequence of the Hydrogenation of Couplings in the Functional Series of Some Hyperoxidic Compounds.

Card 3/5

Dissertations. Branch of Chemical Sciences.
July-December 1957

30-58-4-31/44

(Issledovaniya kinetiki i posledovatel'nosti gidrirovaniya svyazey v funktsional'nykh gruppakh nekotorykh perekisnykh soyedineniy).

B. D. Polkovnikov - Catalytic Hydrogenation of Cyclic Hydrocarbons With the System of Linked Double Compounds. (Katalicheskoye gidrirovaniye tsiklicheskih uglevodorodov s sistemoy sopryazhennykh dvoynykh svyazey).

4) At the Institute for Physico-Chemistry (Institut fizicheskoy khimii) the following dissertations were defended:
a) for the degree of a Candidate of Chemical Sciences:
O. Abrarov - Determination of the Discharge Velocity of Nickel Ions and of Cobalt Ions. (Issledovaniye skorosti razryada ionov nikelya i kobal'ta).

A. I. Lipin - Investigation of the Precipitation Process of Electrolytic Coatings on Aluminum Alloys. (Issledovaniye protsesa oszazhdeniya elektroliticheskikh pokrytiy na alyuminiyevyye splavy).

b) for the degree of a Candidate of Physico-Mathematical Sciences: B. N. Vasil'yev - On the Properties of Substance in the State of Absorption According to the Data Obtained

Card 4/5

Dissertations. Branch of Chemical Sciences.
July-December 1957

30-58-4-31/44

in the Investigation of the Absorption of Carbon Dioxide
in a Wide Range of Temperatures and Pressures. (O svoyst-
vakh veshchestva v adsorbirovannom sostoyanii po dannym
issledovaniya adsorbsii dyuokisi ugleroda v shirokom
intervale temperatur i davleniy).

S. S. Dukhin - Theory of Diffusion Powers of Remote
Effect in Aerosols. (Teoriya sil diffuzionnogo dal'-
nodeystviya v aerozolyakh).

1. Chemistry—Bibliography 2. Bibliography—Chemistry

Card 5/5

BLEYDELIS, Ya. [Bleidelis, J.]

2d Conference on Using X-Ray Methods of Investigation in the Chemical
Industry. Vestis Latv ak no.4:1/37-169 '61.

(EEAI 10:9)

(X rays) (Chemical industries)

BLEYDELIS, Ya. {Bleidelis, J.]

Second conference on the application of the methods of X-ray investigation in the chemical industry. Izv. AN Latv. SSR no.4: 167-169 '61. (MIRA 16:1)

(X rays--Industrial applications)

GILLER, S.A. [Gillers, S.], otv. red.; BLEYDELIS, Ya.Ya.
[Bleidelis, J.], red.; BLYUGER, A.F. [Blugers, A.] red.;
ZIDERMANE, A.A., red.; PRESS, B., red.; ERAMEERGA, V.,
red.; LIIDAK. M.Vu. [Lidaks, M.], red.; KOVI, O., red.;
SHUL'TS, i

[Cyclophosphane] TSiklofosfan; sbornik statei. Riga, Izd-
vo "Znanie," 1965. 267 p. (MIRA 18:6)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu
Akademija. Organiskas sintezes instituts.

BLEYER, S.

Effect of the composition of concrete on the economy of its use; also, remarks by
Gy. Weisz. p. 502.
MELYEPITESTUDOMANYI SZEMLE. Vol. 4, no. 10, Oct. 1954. Budapest.)

SO: Monthly List of East European Accession. (EEAL). Lc. Vol 4 Nov. 11 Nov. 1955 Uncl.

L 02298-67

EWT(m)/T FDN/DJ/GD

ACC NR: AT6015201 (A, N) SOURCE CODE: UR/0000/66/000/000/0099/0103

AUTHOR: Starikova, L. V.; Bleyes, G. S.; Kruglova, Ye. T.

ORG: none

61
B+1TITLE: Method for evaluating the thermo-oxidative stability of aviation
oils at elevated temperatures

SOURCE: Metody otsenki ekspluatatsionnykh svoystv reaktivnykh topliv i smazochnykh materialov (Methods for the performance evaluation of jet propellants and lubricants). Moscow, Izd-vo Mashinostroyeniye, 1966, 99-103

TOPIC TAGS: lubricating oil, lubricant property, lubricant viscosity, heat resistance, vaporization, high temperature oxidation, aircraft lubricant

ABSTRACT: A laboratory method for evaluating the performance properties of petroleum oils at elevated temperatures was developed and examined. The method is an adaptation of VTGOST 981-55, wherein conditions for oxidizing the oil were changed to make the test applicable to high temperature testing. Oxidations were run in the apparatus shown in Fig. 2 under temperatures controlled by thermostat shown in Fig. 1.

Card 1/1

UDC: 662.753.32:629.13.001.4

02298-67

ACC NR: AT6015201

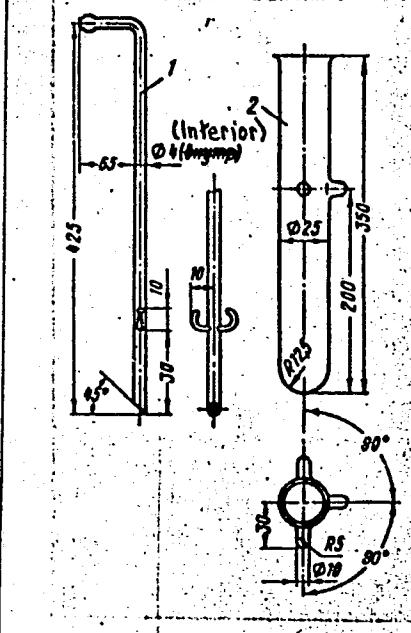


Fig. 1. Diagram of air electric thermostat:
1---mantle, 2---agitator shaft, 3---cross
pieces for mounting 4, 4---rotating cylinder,
5---agitator blades, 6---electric motor,
7---cover, 8---apparatus for oxidations,
9---electric heater, 10---thermocouple,
11---mercury thermometer.

Card 2 A

L 02298-67

ACC NR: AT6015201

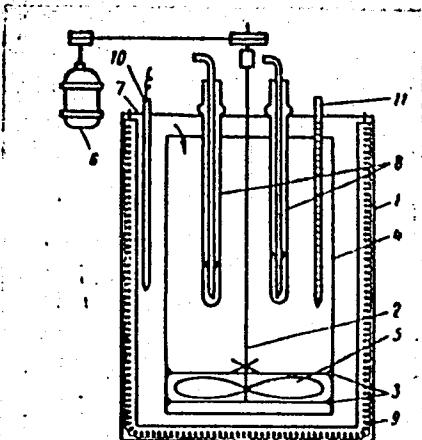


Fig. 2. Apparatus for oxidizing oil:
1--tube for feeding air to oxidize the oil,
2--reaction vessel.

Card 3/4

02298-67

ACC NR: AT6015201

Determinations were made of volatility, change in viscosity, benzene-insoluble residues, acid number and metal corrosion as indices of resistance of the oil to thermal oxidation. Satisfactory reproducibility among the values of these indices was obtained in the tests run. Orig. art. has: 1 table and 2 figures.

SUB CODE: 11/ SUBM DATE: 10Dec65

Card 4/4

vmb

6,4400

89055
S/107/61/000/001/002/002
E192/E382

AUTHORS: Bleykh, A. and Spiridonov, V., Engineers

TITLE: Portable Radio Receiver "Atmosfera"

PERIODICAL: Radio, 1961, No. 1, pp. 50 - 52

TEXT: This miniature receiver, based on transistors, is provided with a ferrite antenna. The receiver covers the long-wave band (150 - 415 kc/s) and medium waves (520 - 1 600 kc/s). Its sensitivity on the long waves is better than 2.5 mV/m and 1.2 mV on the medium waves. The selectivity with regard to the neighbouring channel on the long waves is better than 20 db and on the medium waves it is not less than 16 db. The image attenuation on the long waves is not worse than 16 db and on the medium waves it is higher than 20 db. The nominal output power is 150 mW. The receiver is supplied from two torch batteries which have sufficient capacity for 60 hours operation. The receiver is of the heterodyne type and its high-frequency part is based on transistors, type П-402 (P-402). The heterodyne is based

Card 1/2

89055
S/107/61/000/001/002/002
E192/E382

Portable Radio Receiver "Atmosfera"

on a parallel supply system. There are two intermediate frequency stages. The detector is based on a diode, type $\Delta-2\beta$ (D-2V), which also produces the bias for the automatic gain control. The receiver is housed in a case made of a plastic material (coloured sopolymer). The antenna is based on a ferrite rod (ferrite type $\Phi-600$ (F-600)) having a length of 160 mm and a diameter of 8 mm. A detailed circuit diagram of the receiver is given; also, the layout of various components is illustrated in a figure and the details of the tuning capacitor, antenna, intermediate frequency filters and local oscillator coils are shown. There are 7 figures and 1 table.

Card 2/2

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

OSADCHUK, Ye.I.; BUBNOV, A.A.; BLEYKH, B.A.

Increasing the lifting capacity of the VML-41 derrick.
Mash. i neft. obor. no.7:10-12 '64.

1. Trest "Volgogradneftegazrazvedka".

(MIRA 17:11)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

OSADCHUK, Ye.I.; BUBNOV, A.A.; BLEYKH, B.A.

Selecting an efficient design for the foundations beneath drilling
derricks and sub-derrick equipment. Mash. i neft. obor. no.12:3-7 '64.
(MIRA 18:1)

1. Trest "Volgogradneftegazrazvedka".

OSADCHUK, Ye.I.; BLEYKH, B.A.; PARSHEV, V.A.

Selecting an efficient arrangement of equipment of the
installation for drilling wells 4500-5000m. deep.
Mash, i neft. obor. no. 11:7-12 '65. (MIRA 18:12)

1. Trest "Volgogradneftegazrazvedka".

BLEYKH, I., inzh.

Improving classification profiles. Zhel.dor.transp.36 no.5:88
(MIRA 12:5)
My '55.

1. Nachal'nik tekhnicheskogo byuro otdeleniya dorogi, stantsiya
Shepetovka Yugo-Zapadnoy dorogi.
(Railroads--Yards)

BLEYKH, KH. S.

K raschetu amortizatora a peremennym otverstiem. (Tekhnika vozдушного
flota, 1941, v. 15, no. 4, p. 57)

Title tr.: On the calculation of variable-aperture shock-absorbers.

TL504.T4 1941

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.

BLEIKH, KH. S.

O podbore sharikopodshipnikov dlia organov upravleniya. (Tekhnika vozdushnogo flota, 1945, no. 4, p. 23 and 26)

Title tr.: Selection of ball bearings for aircraft control systems.

TL504.Th 1945

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

BLEYKHER, E. M.
11(4) PHASE I BOOK EXPLOITATION SOV/2389

Yablonskiy, V.S., S.A. Bobrovskiy, E.M. Bleykher, G.A. Royev, I.Kh. Khizgilov, and S.G. Shcherbakov

Avtomatizatsiya transportirovaniya i ob'yektov khraneniya nefti i nefteproduktov
(Automatic Control of the Transportation and Storage of Oil and Petroleum Products) Moscow, 1958. 50 p. 1,000 copies printed.

Sponsoring Agencies: USSR. Gosudarstvennyy nauchno-tehnicheskiy komitet, and Akademiya nauk SSSR. Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii. Otdel nauchno-tehnicheskoy informatsii. Sektor neftyanykh promyshlennostey.

No contributors mentioned

PURPOSE: This book is intended for automation engineers, workers, and economists of the Soviet petroleum industry.

COVERAGE: The authors discuss the extent of automation in Soviet and foreign petroleum industries and point out that automation in the Soviet Union is still in the planning stage and its introduction in industry is limited. No

Card 1/3

Automatic Control of the Transportation (Cont.)

SOV/2389

personalities are mentioned. There are 44 references: 19 Soviet and 25 English.

TABLE OF CONTENTS:

Automatic and telemechanic control of petroleum pipelines, petroleum product pipe-lines, and of their pumping stations	3
Automation of tank farms and refineries	17
Automation of tank-car and tank-truck filling	31
Automation of the filling of small containers with petroleum products	35
Remote control and regulation at docks and piers	38
Systems used in preventing petroleum product losses due to evaporation	41

Card 2/3

Automatic Control of the Transportation (Cont.)

SOV/2389

Use of radioactive isotopes in the transportation and storage of petroleum
products

44

Conclusions

47

Bibliography

50

AVAILABLE: Library of Congress (TP692.5.I13)

Card 3/3

TM/gmp
10-16-59

BLEYKHER, E. M.; CHERNIKIN, V.I.

Hydraulic calculation of petroleum product transportation
through pipelines equipped with centrifugal pumping stations.
Neft.khoz. 37 no.3:59-62 Mr '59. (MIRA 12:5)
(Petroleum--Pipelines)
(Centrifugal pumps)

BLEYKHER, E.M.; CHERNIKIN, V.I.

Spacing of centrifugal pumping stations along pipelines.
Izv.vys.ucheb.zav.; neft' i gaz 3 no.6:123-128 '60.
(MIRA 13:7)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad.I.M.Gubkina.
(Pipelines) (Centrifugal pumps)

BLEYKHER, E.M.; CHERNIKIN, V.I.

Controlling the performance of centrifugal pumping stations in
consecutive petroleum and petroleum products pipelining. Neft.
khoz. 38 no.5:53-58 My '60. (MIRA 13:8)

(Pumping stations)
(Petroleum--Pipelines)

BLEYKHER, E.M.; CHERNIKIN, V.I.

Regulating the operation of a pipeline during the shutdown of
intermediate centrifugal stations. Neft. khoz. 39 no.11:56-60
N '61. (MIRA 14:12)

(Petroleum--Pipelines)

BLEYKHER, E.M.

Synchronization of the transfer of liquefied gases in main pipelines during the installation of intermediate pumping stations. Trudy MINKHIGP no.45:87-92 '63. (MIRA 16:7)

(Liquefied petroleum gas—Transportation)
(Pipelines)

BLEYKHER, E.M.; IN¹ KAY-PIN[Yin K'ai-p'ing]

Analytical determination of the duration of transfer by
centrifugal pumps at petroleum storage depots. Trudy
MINKHIGP no.45:184-190 '69. (MIRA 16:7)

(Petroleum--Storage)

CHERNIKIN, V.I.; NEMUDROV, A.G.; BLEYKHER, E.M.; SHCHERBAKOV, S.G.

Graphoanalytical calculation for the regulation of the
centrifugal pumping stations of petroleum product main pipe-
lines. Trudy MINKhIGP no.45:112-133 '63. (MIRA 16:7)

(Petroleum products—Transportations)
(Petroleum pipelines)

BLEYKHER, E.M.; POL'SKIY, S.M.; CHERNIKIN, V.I.

Determining the optimal number of pouring devices in distribution tank farms. Transp. i khran. nefti i nefteprod. no. 7:10-13 '64. (MIRA 17:8)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina i Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii.

BLEIKHER, Israill' Gavrilovich, inzh.; LISSEYEV, Vasiliy Pavlovich, inzh.:
Prinimali uchastiye: KHOMUTETSKIY, A.Ye., inzh.; SPITKOVSKIY,
L.N., inzh.. BELEVITIN, A.I., inzh., retsenzent; CHISHCHEMKO,
N.P., inzh., red.

[Compressor units] Kompressornye stantsii. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1959. 323 p. (MIRA 13:4)
(Air compressors)

BLEIKHER, L.M.

VITEBSKIY, S.Ye., dotsent; BLEIKHER, L.M. (Khar'kov)

"Physical therapy for internal diseases" [in Bulgarian] by S.S.Kircheva.
Reviewed by S.E.Vitebskii, L.M.Bleikher. op.kur.fizioter. i lech.
fiz. kul't. 23 no.1:83-86 '58. (MIRA 11:3)
(PHYSICAL THERAPY)
(KIRCHEVA, S.S.)

KOGAN-YASNYIY, V.M. [deceased], zasluzhennyuy deyatel' nauki, prof.;
BLEYKHER, L.M. (Kharkov).

Joint and spine diseases related to acromegaly. Probl.endok.i
gorm. 5 no.5:52-55 S-0 '59. (MIRA 13:5)

1. Iz oblastnoy klinicheskoy bal'nsologicheskoy lechebnitsy
9dir. - kand.med.nauk P.L. Shpak).
(ACROMEGALY compl.)
(JOINTS dis.)
(SPINE dis.)

BLEYKHER, V.M.

Arterio-oscillographic indicators in prolonged schizophrenia [with summary in French]. Zhur.nevr. i psikh. 58 no.6:710-712 '58 (MIRA 11:?)

1. Kiyevskaya psikhonevrologicheskaya bol'nitsa imeni I.P. Pavlova (glavnnyy vrach F.D. Pashchenko, nauchnyy rukovoditel' prof. Ya.P. Frumkin).

(SCHIZOPHRENIA, physiology
arterial oscillography in cases of long duration (Rus))

(BLOOD PRESSURE, in var. dis.

schizophrenia of long duration, arterial oscillography
(Rus))

BLEYKHER, V. M., Cand of Med Sci -- (diss) "On the Hypochondriacal Symptom Developments in Schizophrenia," Kiev, 1959, 14 pp (Kiev Medical Institute im A. A. Bogomolets) (KL, 5-60, 129)

ZAVILYANSKAYA, L.I.; BLINYKHER, V.M.

Differential diagnosis of asthenic and hypochondriac conditions.
Vrach.delo no.2:147-151 F '60. (MIRA 13:6)

1. Kiyevskaya psichoneurologicheskaya bol'niitsa imeni I.P. Pavlova i gorodskoy psichoneurologicheskiy dispanser.
(HYPOCHONDRIA) (SCHIZOPHRENIA)

BLEYKHER, V.M.; ZOLOTNITSKIY, R.I.

Treatment of twilight disturbances of consciousness and delirium tremens. Vrach.delo no.7:128-129 Jl '60. (MIRA 13:7)

1. Kafedra psichiatrii (zav. - prof. Ya.P. Frumkin) Kiyevskogo meditsinskogo instituta i Kiyevskaya psichoneurologicheskaya bol'ница im. akad. I.P. Pavlova.
(DELIRIUM TREMENS) (CONSCIOUSNESS)

ZOLOTNITSKIY, R.I.; BLEYKHER, V.M.; BRANDUS, D.A.; PISANETS, O.T.

Dynamics of blood indices in aminazine therapy for patients with schizophrenia of long duration. Zhur. nerv. i psikh. 60 no. 2:220-223 '60. (MIRA 14:4)

1. Kafedra psichiatrii (zav. - prof. Ya.P. Frumkin) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni A.A. Bogomol'tsa, Kiyevskaya psichoneurologicheskaya bol'nitsa imeni I.P. Pavlova (glavnnyy vrach F.D. Pashchenko).
(SCHIZOPHRENIA) (CHLORPROMAZINE) (BLOOD CELLS)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

BLEYKHER, V., kand.med.nauk

Memory and attention. Znan. to pratsia no. 2:18-19 F '61.

(MIRA 14:5)

(Memory)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

BLESYKHER, V., vrach-psikiatr

Presentiments and prophecies. Znan. ta pratsia no.12:16-17 D
'62. (MIRA 16:1)
(Superstition)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

BLEYKHER, V.M.; BRANDUS, D.A.; ZOLOTNITSKIY, R.I. [Zolotnyts'kyi, R.I.]

Vascular reactions in schizophrenics during aminazine treatment.
Fiziol. zhur. [Ukr.] 6 no.3:400-404 My-Je '60. (MIRA 13:7)

1. Kiyevskaya psikhonevrologicheskaya lechebnitsa im.akad.I.P.Pavlova.
(SCHIZOPHRENIA) (CHLORPROMAZINE)
(NERVOUS SYSTEM, AUTONOMIC)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

BLEYKHER, V.M.

Materials from the examination of schizophrenia patients with
hypochondria symptoms. Vop. klin. nevr. i psich. no.2:291-303
'58. (MIRA 14:10)

(SCHIZOPHRENIA) (HYPOCHONDRIA)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

ZOLOTNITSKIY, R.I.; BLEYKHER, V.M.

Methyldiazil treatment of twilight states in epilepsy. Vrach. delo
no.10:142 0 '61. (MIRA 14:12)

1. Kiyevskaya psichonevralogicheskaya bol'nitsa imeni akademika
I.P. Pavlova. (BENZILIC ACID) (EPILEPSY)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

SHAROV, B.V., kand.med.nauk; VOROKOV, G.L.; AKALOVSKAYA, L.F.; BLEYKHER,
V.M.; FRUMKIN, Ya.P., prof.

Electroencephalographic studies of some psychical diseases. Vop.
klin. nevr. i psikh. no.2:235-267 '58. (MIRA 14:10)
(ELECTROENCEPHALOGRAPHY) (MENTAL ILLNESS)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

BLEYKHER, V.M.; ZOLOTNITSKIY, R.I.

Recurrences of schizophrenia following aminazine therapy.
Zhur. nevr. i psikh. 62 no.5:755-757 '62. (MIRA 15:6)

1. Kafedra psichiatrii (zav. - prof. Ya.P. Frumkin) Kiyev'skogo
meditsinskogo instituta imeni A.A. Bogomol'tsa i Kiyevskaya
psikhoneurologicheskaya bol'nitsa imeni Pavlova (glavnnyy vrach
P.N. Lepekhov).

(SCHIZOPHRENIA) (CHLORPROMAZINE)

BLEYKHER, V.M.; ZOLOTNITSKIY, R.I.; ZAVILYANSKAYA, L.I.

Psychoses with a periodic course, Zhur.nerv.i psikh. 62 no.6:874-
879 '62. (MIRA 15:11)

1. Kafedra psikiatrii (zav. - prof. Ya.P.Frumkin) Kiyevskogo
ordena Trudovogo Krasnogo Znameni meditsinskogo instituta imeni
A.A.Bogomol'tsa i Kiyevskaya psikhonevrologicheskaya bol'nitsa
imeni A.P.Pavlova (glavnnyy vrach P.N.Lepekhov).
(PSYCHOSES)

BLEYKHER, V.M., kand.med.nauk

Some pseudofocal symptoms in arteriosclerosis of the brain.
Vrach.delo no.3:62-65 Mr '63. (MIRA 16:4)

1. Laboratoriya eksperimental'noy patopsikhologii Kiyevskoy
psichonevrologicheskoy bol'nitsy imeni akademika Pavlova.
Nauchnyy rukovoditel' - prof. Ya.P. Frumkin.
(ARTERIOSCLEROSIS) (BRAIN-DISEASES)

BLEYKHER, V.M., kand.med.nauk

Speech disorders in Pick's and Alzheimer's diseases. Vrach.
delo no.8:147-149 Ag'63. (MIRA 16:9)

1. Kafedra psichiatrii (zav. - prof. Ya. P. Frumkin) Kiyev-
skogo meditsinskogo instituta i laboratoriya eksperimental'-
noy patologii Kiyevskoy psikhonevrologicheskoy bol'nitsy
imeni I.P.Pavlova.
(SPEECH, DISORDERS OF) (BRAIN-DISEASES)

BLEYKHER, V.M.; ZOLOTNITSKIY, R.I.

Development of delirium in epilepsy. Zhur. nevr. i psikh. 63
no.2:251-253 '63
(MIRA 16:11)

1. Kafedra psikiatrii (zav. - prof. Ya.P.Frumkin) Kiyevskog
meditsinskogo ordena Trudovogo Krasnogo Znameni instituta i
Kiyevskaya psikhoterapevicheskaya bol'nitsa imeni Pavlova
(glavnnyy vrach P.N. Lepekhov).

BLEYKHER, V.M.

Epileptic oligophasia. Zhur. nevr. i. psikh. 63 no.6:880-884
'63. (MIRA 17:6)

1. Kafedra psikiatrii (zav. - prof. Ya.P. Frum'cin) Kiyevskogo meditsinskogo instituta imeni A.A. Bogmol'tsa i laboratoriya eksperimental'noy patopsikhologii Kiyevskoy psikhonevrologicheskoy bol'nitsy imeni I.P. Pavlova, (glavnnyy vrach P.N. Lepekhov).

BLEYKHER V.M.

Clinical characteristics of the initial stages of cerebral
focal atrophic diseases in old age. Zhur. nevr. i psikh. 64
no.2:270-274 '64. (MIRA 17:5)

1. Kafedra psikhistrii (zaveduyushchiy - prof. Ya.P. Frumkin)
Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo
instituta im. A.A. Bogomol'tsa i Kiyevskaya psikhonevrolo-
gicheskaya bol'nitsa im. I.P. Pavlova (glavnnyy vrach P.N.
Lepekhov).

BLEYKHER, V.M.

Nosologic specificity of speech disorders in organic lesions
of the brain in the psychiatric clinic. Zhur. nevr. i psikh.
64 no.10:1528-1533 '64. (MIRA 17:11)

1. Kafadra psikiatrii (zaveduyushchiy - prof. Ya. P. Frumkin)
Kiievskogo meditsinskogo ordena Trudovogo Krasnogo Znameni
instituta i laboratoriya eksperimental'noy patopsikhologii
kiievskoy psikhonevrologicheskoy bol'nitsy im. I.P. Pavlova
(glavnyy vrach P.N. Lepchakov).

BLEYKHER, V.M.; MINTS, A.Ya.

Disorders of memory in atherosclerosis of cerebral vessels. Trudy
Gos. nauch.-issl. inst. psikh. 43:172-178 '65. (MIRA 18:9)

1. Laboratoriya eksperimental'noy patopsikhologii Kiyevskoy
psikhonevrogicheskoy bol'nitsy imeni akademika Pavlova
(glavnnyy vrach - zasluzhennyy vrach UkrSSR P.N.Lepekhov;
nauchnyy rukovoditel' - prof. Ya.P.Frumkin) i Institut gerontologii
AMN SSSR (direktor - chlen-korrespondent AMN SSSR prof. D.N.Chebotarev).

BLEYKHER, V.M.; SLOBODYANSKAYA, S.I.

Combination of Alzheimer's disease and atherosclerosis of
cerebral vessels. Zhur. nevr. i psikh. 65 no.4:552-557 '65.
(MIRA 18:5)

1. Kafedra psikiatrii (zaveduyushchiy - prof. Ya.P. Frumkin)
Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo
instituta imeni Bogomol'tsa i Kiyevskaya psikhonevrologicheskaya
bol'nitsa imeni Pavlova (glavnnyy vrach P.N. Lepekhov).

SIONIM, I. YA., IZABOLINSKAYA, R. M.,
BLEYKHERMAN, N. A.

Hormones

Role of hormones in the pathogenesis of mastopathy. First communication: content of female sex hormones in the urine in mastopathy. Medych. zhur. 20 No. 6, 1951.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

BUTENKO, Z.A.; BLEYKHERRMAN, N.A.; ZAK, K.P.; SAZHENIN, P.A.; YAROSH, S.I.

Methods for counting eosinophiles directly in the calculating chamber. Vrach.delo no.2:199-201 F '59. (MIRA 12:6)

1. Laboratoriya endokrinnykh funktsiy (rukovoditel' - akad. AN USSR V.P.Komissarenko) Instituta fiziologii AN USSR, kafedra patofiziologii (zav. - prof.O.A.Bogomolets) Kiyevskogo instituta usovershenstvovaniya vrachey, kafedra khirurgii stomatologicheskogo fakul'teta (zav. - sasl.deyatel' nauki, prof.A.K.Gorchakov) i kafedra akusherstva i ginekologii (zav. - prof.A.Yu.Lur'ye [deceased]) Kiyevskogo meditsinskogo instituta.
(EOSINOPHILES)

BILYKHMAN, I.S.; DUBOV, A., redaktor; TRUKHANOVA, A., tekhnicheskiy re-daktor.

[Technical progress in the Soviet Union] Tekhnicheskii progress v Sovetskem Soiuze. Minsk, 1954. 34 p. (MIRA 8:2)

1. Deystvit'nyy chlen Obshchestva po rasprostraneniyu politicheskikh i nauchnykh znanii Belorusskoy SSR.
(Technology)

BLEYKHMAN, Isaak Samoylovich, kand.tskhn.nauk; GRITSANOV, A.Ye., red.; ZIMA, Ye.G., tekhn. red.

[Radio electronics in the past and present] Radioelektronika na-stoiashchego i budushchego. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.25) (MIRA 16:2)

(Radio) (Electronics)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

BLEKHMAN, M. Ye, inzh.

Experience in cold cementing of 4AN conveyor belts. Emerg. 1
elektrotekh. prom. no.4:53 O-D '63.

(MIRA 17:10)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

L 10661-65 EWT(d)/PSS-2/EPC-1/ECC(t)/ZED-2/FS(b) Pn-4/Pp-4/Pac-4 SPTC(b)
ASD(d)/AFETR/PSD(dp)/ASD(a)-5/ESP(c)
ACCESSION NR: AP4045821 S/0106/54 100%

AUTHOR: Berkman, N. A.; Bleykhman, V. S.; Pastchenko, V. V.

TITLE: Instrument for counting errors in the high-speed digital transmission

UDC: 621.372.7/01:01-91:106.4.401.6

ABSTRACT: An instrument for counting errors in the high-speed digital transmission for digital-data transmission at a speed of up to 60,000 bands is described. The instrument consists of a transmitter and a receiver.

The transmitter consists of a test-signal generator, the modulator, the power source, and the antenna. The receiver consists of the receiving antenna, the preamplifier, the main amplifier, the error counter, and the output unit. The instrument is designed for use in the field of communications.

Card 1/2

L 10661-65

ACCESSION NR: AP4045821

a signal regenerator, a synchronizer, a test-signal generator, an error isolator, an error counter, and an error recorder. The device is similar to conventional instruments used in telegraph work for the same purpose; however, its various units have special features determined by its high speed. It can operate at speeds of 42, 54, and 60 thousand bauds.

The test-signal generator is used

for alignment purposes.

The synchronizer is used

to synchronize the device.

ASSOCIATION: none

SUBMITTED: 07 May 64

ENCL: 00

SUB CODE: EC

NO REF SOV: 004

OTHER: 003

Card 2/2

L 20722-65 ETT(d)/FS5-2/EEC-L/EE(t)
ACCESSION NR: AP5001374

Pn-L/Pp-L/Pac-L/Pae-2/Pj-L
S/0106/64/000/012/0056/0063

AUTHOR: Bleykhman, V. S.; Brusilovskiy, K. A.

TITLE: Code sequences for testing discrete communication systems

SOURCE: Elektronsvyaz', no. 12, 1964, 56-63

TOPIC TAGS: code sequence, test code signal, discrete communication system

ABSTRACT: Coded signals intended for testing discrete communication systems must have a statistical structure close to that of regular communication signals. Methods of constructing such test signals and corresponding signal generators are considered. The structure of a discrete message is statistically analyzed by specifying the probability of occurrence of m-element-long combinations, where $m = 0, 1, 2, 3, \dots$. Regular code sequences, recurring sequences, and their use in constructing test signals are analyzed. It is found that if the statistical structure of test signals resemble that of real signals, the probability

Card 1/2

L 20722-65

ACCESSION NR: AP5001374

of occurrence of a combination in the test signal must be equal to $1/2^m$, independent of the type of combination; (2) A good approximation is a signal in which m -long combinations are equally probable for all $m \leq M$. such a signal may consist of a periodically repeated word which represents either a digital approximation or the recurrent sequence of an M -element register. Recurrent code sequences may be obtained from a binary trigger counter, while pseudorandom sequences derive from a shift register with a logical feedback. 10 figs., 10 formulas, and 1 table.

ASSOCIATION: none

SUBMITTED: 10 Mar 64

ENCL: 00

SUB CODE: EC

NO REF SOV: 003

OTHER: 002

Card 2/2

L 08980-67

ACC NR: AP6029844

SOURCE CODE: UR/0106/66/000/008/0047/0054

AUTHOR: Bleykhman, V. S.; Brusilovskiy, K. A.; Bobreshov, Ye. N.; Yemel'yanov, G. A.

44

ORG: none

TITLE: Fidelity of start-stop telegraph transmission with distorted skirts of code pulses

SOURCE: Elektrosvyaz', no. 8, 1966, 47-54

TOPIC TAGS: telegraph signal, signal analysis, signal reception, signal noise separation

ABSTRACT: Lower estimates of the function S of distribution of start-stop distortion in an n-element code combination were obtained by P. Bassole (Ann. des Télécommunications, 1953, nos. 7-8). These estimates correspond to upper

Card 1/2

UDC: 621.391.833.4

L 08980-67

ACC.NR: AP6029844

limits of the probability P of error in the reception of a character, because $P = 1 - S$. The present article offers a more accurate estimate of P . It is found that: (1) The upper estimate of P expressed in terms of the probability function χ^2 of the Pearson correspondence criterion may deviate from the true value of P by several orders of magnitude; this discrepancy substantially increases with (a) the correlation factor r (which characterizes the relation between the shifts of borders of the start-stop combination), (b) the channel-characteristics improvement, and (c) the receiver margin; (2) The upper estimate of P yields an incorrect conclusion that the reception fidelity with independent errors is lower than that with correlated errors; (3) According to the new more accurate formulas, P decreases by the factor of $1/n$ when r increases from 0 to 1 (where n is the number of working borders in the code combination); for $n = 2$, the variation of r from 0 to 0.7 practically does not affect P . Orig. art. has: 2 figures and 42 formulas.

SUB CODE: 17, 09 / SUBM DATE: 18Oct65 / ORIG REF: 009

Card 2/2 nst

BLEYKSH, A.P.

Manual steam presses used in veneering shaped parts. Der. prom.
7 no.8:19 Ag '58. (MIRA 11:9)

1. Mebel'naya fabrika No.4 Lenobldrevmebel'proma.
(Veneers and veneering)

PAPOROTSKIY, L.A., gornyy inzh.,red.; BLEYMAN, I.L., nauchnyy red.;
GOMOZOVA, N.A., o.tv. za vypusk., GILENSEN, P.G., tekhn.red.

[Technical regulations for surface blasting] Tekhnicheskie pravila
vedeniia varyvnykh rabot na dnevnoi poverkhnosti. Izd. 4., ispr.
Moskva, Gos. izd-vo lit-ry po stroit., arkhit., i stroit. materialam,
1958. 130 p.
(Blasting)

I. M. BLEYVAS

"Experience in the Operation and Perfection of an Automatic Device for
Constructing Electron Trajectories" from Annotations of Works Completed in 1955
at the State Union Sci. Res. Inst; Min. of Radio Engineering Ind.

So: B-3,080,964

BLEYVAS

L. M.

Л. Б. Галкин,
А. С. Тагир

О возможных работах параллельными генераторами
СВЧ в которых используются звонки спиральных антенн.

В. О. Садов

О предложении проектов новых электронных

приборов радиотехнической промышленности.

9 июня

(с 18 до 22 часов)

А. Я. Власко

О методе гранулной статистики в theory электронных

систем.

Г. А. Зубкович

О взаимодействии электронного потока с электри-

ческим полем.

М. В. Галкин

Метод расчета параметров электронно-лучевых СВЧ

генераторов переменного типа.

А. Н. Аникин,

Ю. Н. Ильинский

Об определении коэффициента управления для по-

стоянных распространений в монодиодной системе при

изменении электронного потока.

20

А. В. Галкин

Взаимодействие электронно-лучевых полей с парал-

лельными магнитными полками.

10 июня

(с 10 до 16 часов)

А. М. Туровская,

В. А. Красебин

О возможности улучшения параметров радиотех-

нической системы благодаря использованию пакетного фор-

мата разекторов.

М. Н. Кузнецов,

А. В. Романти

К вопросу о создании флюитографа с изотропной

антенной.

М. Н. Кузнецов,

В. Н. Борисов,

В. Е. Кичига

Экспериментальное исследование флюитографа с

изотропной антенной.

М. Н. Кузнецов,

А. В. Шестаков,

В. В. Хомич

Магнитостатический тракторограф для решения задачи

о движении электронных частиц в магнитном поле.

21

А. М. Галкин,
В. Н. Ткаченко,
Р. Н. Калашник
И. Н. Костюченко

Исследование электронных полей в присутствии

изменяющейся природы СВЧ с помощью спектрометра

для изучения траекторий заряженных частиц.

Report submitted for the Conference Meeting of the Scientific Technological Society of
Radio Engineering and Electrical Communications in A. S. Popov (VOKR), Moscow,
8-12 June, 1959

84613

9.3140

S/058/60/000/009/003/004
A005/A001Translation from: Referativnyy zhurnal, Fizika, 1960, No. 9, pp. 321-322, #
24182AUTHOR: Bleyvas, I.M.TITLE: Unit for Automatic Computing and Plotting the Trajectories of
Charged Particles in Electric and Magnetic Fields When a Space
Charge ExistsPERIODICAL: Tr. Konferentsii po elektronike SVCh, 1957, Moscow-Leningrad,
Gosenergoizdat, 1959, pp. 133-149TEXT: The description is given of an automatic device for computing
and plotting the trajectories of charged particles in electric and magnetic
fields in modern SHF-electrovacuum devices. The particle trajectories are
computed in the Cartesian coordinate system under consideration of the effect
of the space charge and the relativistic correction. The electric field was
simulated by an electrolytic tank. The computer of the unit is based on the
application of d-c electronic integrators in combination with non-linear

Card 1/2

84613

8/058/60/000/009/003/004

A005/A001

Unit for Automatic Computing and Plotting the Trajectories of Charged Particles
in Electric and Magnetic Fields When a Space Charge Exists

electronic units. The duration of plotting one trajectory amounts on the average to 2 - 3 minutes. The trajectories of particles are drawn with an error not exceeding 1-2%, and the lines of force and equipotential lines with an error of 1%.

Author's summary

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

BLEIVAS, I.M.; LUKOSHKO^V, V.S.; MESTECHKIN, Ya.I.; KHOMICH, V.B.; SHEREL', L.A.; SHUBIN, L.V.

Solution of problems in electron optics and superhigh frequency
electronics using mathematical modeling techniques. Radiotekh. i
elektron. 8 no.10:1764-1775 O '63. (MIRA 16:10)

Z/037/62/000/005-6/002/049
E140/E562

AUTHORS: Bleyvas, I.M., Lukoshkov, V.S., Mestechkin, Ya.I.;
Khomich, V.B., Sherel, L.A. and Shubin, L.V.

TITLE: The solution of problems in electron optics and high-frequency electronics by means of mathematical models

PERIODICAL: Ceskoslovensky časopis pro fysiku, no.5-6, 1962,
439-446

TEXT: A two-dimensional model is described consisting of an electrolytic tank and an analog computer for the solution of problems with plane or axial symmetry. The system plots automatically the electron trajectories on the basis of field information obtained from probes in the tank. Among the problems which have been treated by the machine are the trajectories of electrons in the gap of the central resonator of a three-resonator klystron, in a type-M carcinotron, in a plane magnetron and in an electron gun taking into account space charge. The precision is of the order of 0.5% to 1.5%. There are 10 figures.

ASSOCIATION: Výbor pro elektronovou techniku, Moskva
(Committee for Electronic Engineering, Moscow)

Card 1/1

AKMENTYN'SH, Ya.Ya.; BLEYVAS, I.M.; GEKKER, I.R.; ZAKHAROV, M.I.

Interaction of relativistic electrons with the electric field of an output cavity resonator of a transit klystron.
Radiotekhnika i elektron. 8 no.11:1901-1910. N 163.

(MIRA 17:1)

L 25765-65 EWT(d)/EWP(1)/BED-2 Po-4/Pg-4/Pg-4/Pk-4 IJP(c) BB/GG/MLK 55

ACCESSION NR: AT5002506

S/0000/64/000/000/0222/0229

31

B41

AUTHOR: Bleyvas, I. M.; Zelinskiy, E. M.; Mayorov, F. V.; Sergiyenko, V. I.

TITLE: The use of a numerical differential analyzer¹⁵ to automate the solution of self-adjustment problems concerning the field and trajectories in electronic devices

SOURCE: Analogovyye metody i sredstva resheniya kraevykh zadach (Analog methods and means of solving boundary value problems); trudy Vsesoyuznogo soveshchaniya, Moskva, 1962 g. Kiev, Naukova dumka, 1964, 222-229

TOPIC TAGS: electric field, differential equation, boundary value problem, trajectory, integrator, electrosimulation, differential analyzer, analog computer, self adjustment problem, charged particle

ABSTRACT: The paper presents a method of solving the problem of a "self-adjusting" field, i.e., the calculations of the influence of a spatial charge on the distribution of the electric field and on the trajectories of charged particles in the field. The method makes use of a TsIM numerical integrator, which is fully described in the paper, and has an accuracy of within 1%. The equations of the pro-

Card 1/2

L 25765-65

ACCESSION NR: AT5002506

blem, which are derived elsewhere, are put into suitable form for simulation on the TsIM. The author then presents block diagrams which describe the functional breakdown of the machine and the way in which the inputs are used to arrive at a solution to the problem of the self-adjusting field. Orig. ext. has 5 figures and 6 formulas.

ASSOCIATION: None

SUBMITTED: 05Sep64

ENGL: 00

SUB CODE: SP, NF

NO REF SOV: 004

OTHER: 000

Card 2/2

ACC NR: AP6025658

SOURCE CODE: UR/0413/66/000/013/0110/0111

INVENTOR: Bleyvas, I. M.; Belinskiy, N. A.; Zelinskiy, E. M.; Dubrovina, S. A.; Sergiyenko, V. I.

ORG: None

TITLE: A device for simultaneously solving equations of motion of charged particles and electric field equations. Class 42, No. 183494

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 110-111

TOPIC TAGS: motion equation, computer component, charged particle, electric field

ABSTRACT: This Author's Certificate introduces: 1. A device for simultaneously solving equations of motion of charged particles and electric field equations. The unit contains an electrolytic bath with conductive elements, a probe head, a digital computer which solves the motion equation of a charged particle and servosystems which move the probe head with respect to two coordinates. Computational speed and accuracy are increased by using a magnetic operational memory with one input connected to the digital computer through a summation unit and a diode which is controlled by pulses from the address formation unit. The second input of the magnetic operational memory is connected to the output of the address formation unit, and the memory out-

Card 1/3

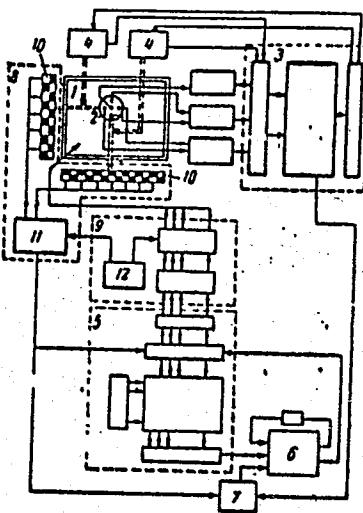
UDC: 681.142.001.572

ACC NR: AP6025658

puts are connected to the input of the summation unit and to the current leads for the conductive elements in the electrolytic bath. 2. A modification of this device in which the instantaneous address of the probe head is compared with that of a memory cell in the magnetic operational memory by making the address formation unit in the form of an electromechanical commutator consisting of two contact tracks located along the coordinate axes with insulated sections, and movable contacts mechanically connected to the probe head. The windings of the address relays are connected between the corresponding commutator segments of the contact tracks. 3. A modification of this device in which currents are automatically fed to the conductive elements by using a step switch in the lead-in unit for synchronizing the operation of this unit with that of the address relays in the address formation unit.

Card 2/3

ACC NR: AP6025658



1--bath; 2--probe head; 3-- computer; 4--servosystems; 5--memory; 6--summation unit;
7--diode; 8--address formation unit; 9--current lead-in unit; 10--electromechanical
commutator tracks; 11--address relays; 12--step switch

SUB CODE: 09 / SUBM DATE: 06Apr63

Card 3/3

1-58739-05 EPR/EWP(1)/EWT(a)/EWT(m)/EWP(b)/EWP(b)/T/EWA(d)/EWP(1)/EWP(w)/
EWP(v)/EWP(t) PR-4 EH/JD

ACCESSION NR: AR5002377

S/0271/64/000-111-A17-J-1

SOURCE: Ref. zh. Avtomat., telemekh. i vyshisl. tekhn. Sverdlovsk, 1964.

AUTHOR: Yanovich, G., Berman, I.; Bleyvays, A.

TITLE: Tensometers for measuring static deformations at temperatures up to 1300°

CITED SOURCE: Sb. Vysokotemperat. tensodatchiki. M., Mashgiz 1963, 7-18.

TOPIC TAGS: tensometer, static stress measurement

TRANSLATION: A type NT-600 wire tensometer has a stable resistance of 100 ohms per mm of length, 4% max; a spread of the apparent strain is 1.5% relative to the true stress. Fifteen illustrations.

SUB CODE: TD

ENCL: 0C

Card 1 of 1 R

OZOLIN'SH, P. [Ozolins, P.]; BERGMANE, R.; BLEYYERE, I. [Bleiere, I.]

Interrelationship between the arterial oscillometric index and
the temperature of skin. Vestis Latv ak no.4:123-126 '62.

1. Institut eksperimental'noy i klinicheskoy meditsiny AN
Latviyskoy SSR.

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

AFANAS'YEV, L., prof.; BLEYZ, N.; GLEYZER, L.; PANFILOV, V.

Abroad. Avt.transp. 42 no.1:58-61 Ja '64.

(MIRA 17:2)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

BLEYZ, N.; PANFILOV, V.

High-duty fuel pumps. Avt.transp. 42 no.2:36-38 F '64.
(MIRA 17:3)

1. Moskovskiy karbyuratornyy zavod.

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

BLEYZ, Naum Grigor'yevich; GLEYZER, Lev Abramovich; PANFILOV,
Vladimir Trofimovich; OKUNEV, Yu.K., red.

[Pneumatic systems for automobiles] Avtomobil'nye pnevmaticheskie pribory. Moskva, Voenizdat, 1965. 148 p.
(MIRA 18:6)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

BLINY, Naum Grigor'evich; KOMOV, Andrey Georgiyevich; PANFILOV, Vladimir Trofimovich; OKUNEV, Yu.K., mayor, redaktor; SOLOMONIK, R.L., tekhnicheskiy redaktor

[New apparatus for the fuel systems of ZIL trucks] Novye pribory sistemy pitaniia gruzovykh avtomobilei ZIL. Moskva, Voen.izd-vo M-va obor.SSSR, 1957. 68 p.
(MLRA 10:9)
(Motortrucks--Engines)

BLEYZ, N.G.

KURAYEV, A.V.; SIMENKOV, P.L.; BLEYZ, N.G.; BULAVA, V.P.; VYAZ'MIN, V.A.;
GOLUBEV, B.S.; DYSHEMAN, B.M.; KARULIN, B.S.; KAYUKOV, G.I., KUGEL',
N.V.; MASHATIN, V.I.; RAGUSKAYA, L.F.; RUBINSHTEYN, S.M.; SETRANOV,
A.B.; TARASOV, L.A.; FEDOROV, A.A.; FEDOROV, L.N.; TSEPKIN, M.F.;
SHAYEVICH, A.G.; VASIL'Yeva, I.A., red. izd-va; TIKHANOV, A.Ya.,
tekhn. red.

[ZIL-158 and ZIL-158A motorbuses; instructions for operation] Avtobusy
ZIL-158 i ZIL-158A; instruktsiiia po ekspluatatsii. Moskva, Gos.
nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 193 p.
(MIRA 11:7)

1. Moskovskiy avtomobil'nyy zavod.
(Motorbuses)

PANFILOV, Vladimir Trofimovich; BLEYZ, Naum Grigor'yevich; KOMOV, Andrey Georgiyevich; KONEV, B.F., kand. tekhn. nauk, retsenzenter; NILOV, N.A., inzh., red.; VASIL'YEVA, I.A., red. izd-va; EL'KIND, V.D., tekhn. red.

[Devices in the fuel system of ZIL engines] Pribory sistemy pitaniia dvigatelei avtomobilei ZIL. Moskva, Mashgiz, 1961. 179 p.

(MIRA 14:11)

(Motor vehicles—Fuel systems)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6

BLEYZER, G.

Setting up a community council at a tuberculosis dispensary. Zdrav.
Bel. 7 no.6:71 Je '61. (MIRA 15:2)
(VITEBSK-TUBERCULOSIS)

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000205510020-6"

BLEYZER, G.I.

Rupture of the parietal pleura in extrapleural pneumonolysis.
Probl.tub. 37 no.3:95-96 '59. (MIRA 12:6)

1. Iz khirurgicheskogo otdeleniya (zav. G.I.Bleyzer) tuberkuleznogo sanatoriya "Sosnovka" Vitebskoy oblasti (glavnnyy vrach T.S.Shatkovskaya).

(COLLPASE THERAPY, compl.

extrapleural pneumonolysis with rupt. of parietal pleura (Rus))

LEYZIE

The use of animal glue to improve the retention of clay in
clay-filled paper. V. I. Aletin, N. A. Krashova, and T. P.
Bleizige (1st Leningrad Paper Mill). *Burmak. Prom.* 30,
No. 12, 18-19(1955).—Animal glue (80 g./l.) was mixed 30
hrs. in the cold, heated to 40-50°, and alum soln. added
(0.7 kg. alum per cu. m. glue soln.); the mixt. was let stand
17-20 hrs. at 8-10° with occasional stirring, dried, to 12-14
g./l., and 0.54 kg. alum per cu. m. glue soln. added; the
dried glue mix was fed to the paper-machine Bird screen at
the rate of 1.6-2 lb. per ton bone-dry fiber. Clay retention
increased from 45 to 75-80% (clay content of paper 12-
14%). The percentage solids in the white-water from the
wire pit decreased 19%, from the suction boro 27%, and
from the couch 5.6%. Headbox freeness decreased and
steam consumption in the driers increased. The ash con-
tent of the paper machine white-water fed to the groundwood
mill decreased from 7-12 to 2-5%, and groundwood quality
showed an improvement. John Lake Kears

(2)

BLEYZIZE, T.P., inzh.; YERASHIEVA, N.A.

Use of activated silicate. Bum. prom. 33 no. 6:17-19 Je.'58.
(MIRA 11:?)

1. Pervaya Leningradskaya bumazhnaya fabrika. 2. Nachal'nik
laboratorii Pervoy Leningradskoy bumazhnoy fabriki(for Yerashieva).
(Paper)
(Sodium silicate)